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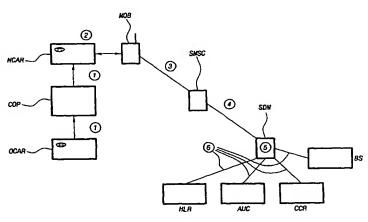
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#### (54) Title: REMOTE SIM CARD REPLACEMENT AND ACTIVATION PROCESS



(57) Abstract: A data processing device including a microcontroller and configured to communicate with at least one remote system distributed on a network, said data processing device and said remote system adapted to store a plurality of parameters identifying a user account belonging to a subscriber, said data processing device comprising: a one-time parameter comprising the active account attached to said device designed for a one-time use, a permanent parameter identifying an account attached to said data processing device, said permanent parameter being deactivated, wherein said one-time and permanent parameter are stored in said at least one remote system, and said microcontroller is programmed to:c) using the one-time parameter to logon to the network when said data processing device is switched on;d) exchanging the one-time parameter with the permanent parameter, upon successful logon to the network, said permanent parameter becoming the permanent active account, wherein said first device and said at least one remote system store a parameter identifying a current active account attached to a second data processing device to replace, and upon successful logon to the network, a program automatically stored in said first device sends an activation request for exchanging the plurality of parameters from the old for the new one in said at least one remote system, with the current active account being deactivated.



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Category Citation of document, with indication, where appropriate, of the relevant passages	Tibiotani io salii.			
A WO 02/058361 A (WONG GREG A ; SHIEH HUGH	1-7			
(US); AT & T WIRELESS SERVICES INC (US)) 25 July 2002 (2002-07-25)				
page 1, lines 26-29 page 9, line 19 - page 10, line 17				
A WO 03/041445 A (SIMPLE PRODUCTS INC) 15 May 2003 (2003-05-15)	1-7			
page 2. line 11 - line 22				
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### INTERNATIONAL SEARCH REPORT

Thrormation on patent ramily members

Intel Inal Application No PCT/IB2004/001616

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 02058361	Α	25-07-2002	US BR	6591098 B1 0105120 A	08-07-2003 25-06-2002
			CA	2358175 A1	07-05-2002
			EP JP	1340362 A2 2004518356 T	03-09-2003 17-06-2004
			WO	02058361 A2	25-07-2002
WO 03041445	Α	15-05-2003	US WO	2003092436 A1 03041445 A1	15-05-2003 15-05-2003